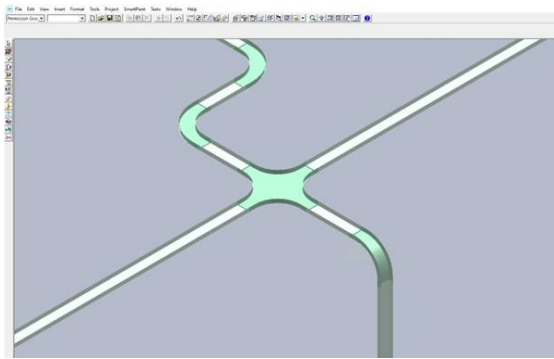


Cable tray specifications for S3D

Specification and Catalogues

Summary

TecSurge provides a service in which we prepare cable tray catalogue and specification data for use with Hexagon Intergraph Smart 3D (S3D). Our deliverables are developed from engineering specifications, datasheets, and supplier or vendor information.



Cable Tray components placed in S3D

Differentiators

- Over 40 years of combined team experience with S3D.
- Extensive experience with catalogues and specifications either following industry standards (such as ASME, BS, DIN, JIS) or vendor standards.
- Quality assurance for all delivered catalogues and specifications.

Deliverables

The primary deliverables from this service consist of data files which can be imported directly into the target plant design systems, such as:

- Excel-format bulk load sheets containing Cable Tray specification and catalogue data.
- S3D symbols (DLLs and icons) for catalogue components.

Work Process

TecSurge manages the preparation of catalogues and specifications as a professional services project, involving a dedicated project manager and our expert services team. The project schedule is organised based on milestones aligned with client priorities.

The detailed execution consists of the following steps:

1. Verifying reference vendor datasheets.
2. Identifying Out of the box symbol and part classes for each component type. For vendor component that requires special symbol, TecSurge also provided services to create custom S3D symbols.
3. Creating Cable tray Catalogue and Specification data.
4. Loading and validation in S3D.

Catalog Placement Tester Report - T30-1130									
Line	Part No.	Part Name	Part Description	Part Class	Part Status	Part Location	Part Quantity	Part Unit	Part Notes
1	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
2	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
3	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
4	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
5	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
6	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
7	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
8	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
9	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100
10	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100	70-100

S3D Placement test results

Quality Assurance

At TecSurge, we ensure that all the catalogues and specifications created for our clients are not only fully functional but also exceed their expectations. We guarantee that all deliverables are based on the verified input data they have provided.

Our quality process includes: S3D catalogue placement tests for all created cable tray specifications, visual checking of S3D placed components as well as functional test for vendor components with specific requirements.



Getting Started

Typically, we require our clients to prepare all the necessary vendor datasheets, documents, drawings to start the project. TecSurge will review and validate the input data to ensure it contains all necessary information without conflicts. We will also inquire about the following:

What version of S3D are you using?

Why: Ensuring full compatibility on different S3D versions and testing in your required environment.

What are the types of cable tray component required?

Why: Different component types may affect the time and effort for accurate capture of catalogue data.

When is your target completion date, and when do you expect to start?

Why: Answers to these project management parameters can significantly impact costs.

If this service describes your situation, and you can provide the engineering inputs and answers to the questions listed here, please [contact us](mailto:sales@tecsurge.com) today for a quotation.

Contact us

sales@tecsurge.com

